

JA PG/09

CRF Errors Corrected by the STIC System Branch

Serial Number: 09/868,338

CRF Processing Date: 2/26/2002
Edited by: _____
Verified by: _____ (STIC staff)**ENTERED** Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____ Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: Other:*seq 7 - inserted hard return*



PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/868,338

DATE: 02/26/2002
TIME: 12:46:49

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Output Set: N:\CRF3\02262002\I868338.raw

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2     MATSUI, KAZUHIKO
3     NAKAMATSU, TSUYOSHI
4     KIMURA, EIICHIRO
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6 <130> FILE REFERENCE: 209861US-8222-10-0-PCT
7 <140> CURRENT APPLICATION NUMBER: US/09/868,338
8 <141> CURRENT FILING DATE: 2001-06-18
9 <150> PRIOR APPLICATION NUMBER: JP 10/360621
10 <151> PRIOR FILING DATE: 1998-12-18
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/868,338

DATE: 02/26/2002
TIME: 12:46:49

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RAW SEQUENCE LISTING
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TIME: 12:46:49

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 106 gga tcg cta acc ggt aac ctc agt gaa cta cgt gca caa act act ttt 96
 107 Gly Ser Leu Thr Gly Asn Leu Ser Glu Leu Arg Ala Gln Thr Thr Phe
 108 20 25 30
 109 agt aca tta tgg gat acc cat aaa gaa acc tat aga gtc tcc ata gct 144
 110 Ser Thr Leu Trp Asp Thr His Lys Glu Thr Tyr Arg Val Ser Ile Ala
 111 35 40 45
 112 tcc gca gca gga caa gac ttc tac ggg ctt gct gag act cta cgc act 192
 113 Ser Ala Ala Gly Gln Asp Phe Tyr Gly Leu Ala Glu Thr Leu Arg Thr
 114 50 55 60
 115 atg gat agg cat ggg gaa att att ttg gca gat cgt caa tgg tta aca 240
 116 Met Asp Arg His Gly Glu Ile Ile Leu Ala Asp Arg Gln Trp Leu Thr
 117 65 70 75 80
 118 gct ccc ctt gat atc ggt gca cca gtc gta tta tca aac aca act ttt 288
 119 Ala Pro Leu Asp Ile Gly Ala Pro Val Val Leu Ser Asn Thr Thr Phe
 120 85 90 95
 121 gcc gtt gat gaa gga cta ctt gcg cca aaa gat cta ccg caa agt gac 336
 122 Ala Val Asp Glu Gly Leu Leu Ala Pro Lys Asp Leu Pro Gln Ser Asp
 123 100 105 110
 124 gag atc aca ata ttg cat cct cag ttt ctg gat tcg gcc aaa gag cca 384
 125 Glu Ile Thr Ile Leu His Pro Gln Phe Leu Asp Ser Ala Lys Glu Pro
 126 115 120 125
 127 gaa tta ctt ggt ttg ctg gag ttc gaa gca tcc aac tca caa gtg cca 432
 128 Glu Leu Leu Gly Leu Leu Glu Phe Glu Ala Ser Asn Ser Gln Val Pro
 129 130 135 140
 130 atg cca aag atc caa agc att cca tat gat agc gaa gac tca acc aac 480
 131 Met Pro Lys Ile Gln Ser Ile Pro Tyr Asp Ser Glu Asp Ser Thr Asn
 132 145 150 155 160
 133 ccc atg tct gaa gtt ttt acc tac aac att aac ctg gat agt gca gta 528
 134 Pro Met Ser Glu Val Phe Thr Tyr Asn Ile Asn Leu Asp Ser Ala Val
 135 165 170 175
 136 aga aac cca atc gta gtt atc ctt ccc gca ggc tta gag ctt tta agt 576
 137 Arg Asn Pro Ile Val Val Ile Leu Pro Ala Gly Leu Glu Leu Leu Ser
 138 180 185 190
 139 gat caa aat ttg tcg gct cga ctc aca cag aat agt ctg ctg ata aaa 624
 140 Asp Gln Asn Leu Ser Ala Arg Leu Thr Gln Asn Ser Leu Leu Ile Lys
 141 195 200 205
 142 gac cag act ggt gtg aac gct ctt cta tcc tca gag gat tca cgc aat 672
 143 Asp Gln Thr Gly Val Asn Ala Leu Leu Ser Ser Glu Asp Ser Arg Asn
 144 210 215 220
 145 tat gtg gga gct gca tcc ccg atg att gac acg tgg gaa gaa agc gtt 720
 146 Tyr Val Gly Ala Ala Ser Pro Met Ile Asp Thr Trp Glu Glu Ser Val
 147 225 230 235 240
 148 gtt cggtt gaa gca aac ctt atc gtc ttc aac gct ttc att 768

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152	Ala Leu Phe Leu Thr Thr Leu Val Leu Ala Tyr Cys Thr Gly Ile	
153	260 265 270	
154	tca ttt aag aaa tca aag aag act atg ggt agc gca tct act agg aaa	864
155	Ser Phe Lys Lys Ser Lys Lys Thr Met Gly Ser Ala Ser Thr Arg Lys	
156	275 280 285	
157	tca tcc att aag agc tcg att aca gct gct aat tgt aga agt aat ttt	912
158	Ser Ser Ile Lys Ser Ser Ile Thr Ala Ala Asn Cys Arg Ser Asn Phe	
159	290 295 300	
160	cgc ttc aat tcc gtg cgt ctg gct cgc gaa ccg cta ttt cga gcg atc	960
161	Arg Phe Asn Ser Val Arg Leu Ala Arg Glu Pro Leu Phe Arg Ala Ile	
162	305 310 315 320	
163	tgc agc aat agc ttc aga tgc tcc ctc agc cag ata ctt aga aca tct	1008
164	Cys Ser Asn Ser Phe Arg Cys Ser Leu Ser Gln Ile Leu Arg Thr Ser	
165	325 330 335	
166	caa ttc tat acc tcc atc act gcc gtt ggt ttt agg aat ctt aat aat	1056
167	Gln Phe Tyr Thr Ser Ile Thr Ala Val Gly Phe Arg Asn Leu Asn Asn	
168	340 345 350	
169	cgg ttg gac ttc act ttc att ttt cag ttc gat gaa gct tcc ttt	1101
170	Arg Leu Asp Phe Thr Phe Ile Phe Gln Phe Asp Glu Ala Ser Phe	
171	355 360 365	
172	tgaaaaagagc acaca atg ata gaa atc aat gac ctc aag aaa tct ttt ggc	1152
173	Met Ile Glu Ile Asn Asp Leu Lys Lys Ser Phe Gly	
174	370 375	
175	gtt cgg atc tta tgg caa ggt ctc agt cat aag ttt tta cca gga aca	1200
176	Val Arg Ile Leu Trp Gln Gly Leu Ser His Lys Phe Leu Pro Gly Thr	
177	380 385 390 395	
178	atg aca gca ctg act gga gcg tcc ggt tca gga aaa tcg act ttg ctc	1248
179	Met Thr Ala Leu Thr Gly Ala Ser Gly Ser Gly Lys Ser Thr Leu Leu	
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181	aac tgt ctt ggc aca ctt gac aaa cca agt tcc gga cag atc ctt gtc	1296
182	Asn Cys Leu Gly Thr Leu Asp Lys Pro Ser Ser Gly Gln Ile Leu Val	
183	415 420 425	
184	gag gat gta gac ctt ctg aaa ctc tct acg cgt aag caa cgg tta tac	1344
185	Glu Asp Val Asp Leu Leu Lys Leu Ser Thr Arg Lys Gln Arg Leu Tyr	
186	430 435 440	
187	agg aaa aat acg gtg ggc tat tta ttt caa gat tat gcc ttg att ccc	1392
188	Arg Lys Asn Thr Val Gly Tyr Leu Phe Gln Asp Tyr Ala Leu Ile Pro	
189	445 450 455	
190	gac agg aca gtt aaa ttc aac ctt cag ctt gcg gtg gaa aaa cac aaa	1440
191	Asp Arg Thr Val Lys Phe Asn Leu Gln Leu Ala Val Glu Lys His Lys	
192	460 465 470 475	
193	tgg cct gaa att cct caa gta ctt cat gct gtt ggt ctt gag tcg ttc	1488
194	Trp Pro Glu Ile Pro Gln Val Leu His Ala Val Gly Leu Glu Ser Phe	
195	480 485 490	
196	gag gaa aag cca gtt ttt gaa ctc tct ggt ggc gaa caa cca cga act	1536
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RAW SEQUENCE LISTING
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DATE: 02/26/2002
TIME: 12:46:49

Input Set : N:\Crf3\02132002\I868338.raw
Output Set: N:\CRF3\02262002\I868338.raw

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201	510	515	520	
202	gaa cca acc gga gct cta gat tta aca aac agt gag cta gtc ata gaa			1632
203	Glu Pro Thr Gly Ala Leu Asp Leu Thr Asn Ser Glu Leu Val Ile Glu			
204	525	530	535	
205	gca ttg aga gca ctc gcc gac aaa ggc gcc acc gtt gtt gct acg			1680
206	Ala Leu Arg Ala Leu Ala Asp Lys Gly Ala Thr Val Val Val Ala Thr			
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208	cac tcg ccc ctc ttc cga gaa tca gcg gat acc att atc aaa cta			1725
209	His Ser Pro Leu Phe Arg Glu Ser Ala Asp Thr Ile Ile Lys Leu			
210	560	565	570	
211	taggtgccccc aactttcgg agatctcagt gca atg atg gaa ttc tta aac act			1779
212	Met Met Glu Phe Leu Asn Thr			
213	575			
214	cac cgt ttg att gtt ctc ggg agt ttg tct ttt cta ggg cta ggt ttc			1827
215	His Arg Leu Ile Val Leu Gly Ser Leu Ser Phe Leu Gly Leu Gly Phe			
216	580	585	590	
217	gcg gaa gtc ctg ctg cgt ggc cag tgg tca aca ccg cag ttt ttt gtt			1875
218	Ala Glu Val Leu Leu Arg Gly Gln Trp Ser Thr Pro Gln Phe Phe Val			
219	595	600	605	
220	ttc act ttc ttg caa act ctg ctt ctc gta ttg tgt ttt att cct aaa			1923
221	Phe Thr Phe Leu Gln Thr Leu Leu Val Leu Cys Phe Ile Pro Lys			
222	610	615	620	625
223	ctc tcg gtt cct ttt gtg gtg ctt cta agc att gcc caa ctc gcg ctt			1971
224	Leu Ser Val Pro Phe Val Val Leu Leu Ser Ile Ala Gln Leu Ala Leu			
225	630	635	640	
226	gca tac ctg tgt att cat ggt gaa cct caa agc acc agc cct ttc act			2019
227	Ala Tyr Leu Cys Ile His Gly Glu Pro Gln Ser Thr Ser Pro Phe Thr			
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229	tta att gtt gcc caa atg gcg ttt tcg gga ttg ctc atg ttc aga ggg			2067
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232	caa cgg gtg ctc gct ttt atc tct gca ggt ggg ctc att tgg att ggg			2115
233	Gln Arg Val Leu Ala Phe Ile Ser Ala Gly Gly Leu Ile Trp Ile Gly			
234	675	680	685	
235	acc atc gat cca aca aac ggt gct tgg tct cct cat gtg atg tcc gcg			2163
236	Thr Ile Asp Pro Thr Asn Gly Ala Trp Ser Pro His Val Met Ser Ala			
237	690	695	700	705
238	cta gca ctt gcc gta ttc ttt gcg ctg tcg atg gca ctt gga cag gtt			2211
239	Leu Ala Leu Ala Val Phe Phe Ala Leu Ser Met Ala Leu Gly Gln Val			
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241	ctt cga tca aaa gtt gaa caa aga gcc aac ctt gag gag cag gca aaa			2259
242	Leu Arg Ser Lys Val Glu Gln Arg Ala Asn Leu Glu Glu Gln Ala Lys			
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244	att cag aca gaa ctg cgc aga aaa gaa cta agc act cca tct gca tcg			2307
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/868,338

DATE: 02/26/2002
TIME: 12:46:50

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Output Set: N:\CRF3\02262002\I868338.raw

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L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

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PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/868,338

DATE: 02/13/2002
TIME: 07:43:08

Input Set : A:\209861us.ST25.txt
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*Does Not Comply
Corrected Diskette Needed*

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3   MATSUI, KAZUHIKO
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5   KIMURA, EIICHIRO
7 <120> TITLE OF INVENTION: ABC TRANSPORTER AND GENE CODING FOR THE SAME
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  13 <141> CURRENT FILING DATE: 2001-06-18
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  17 <151> PRIOR FILING DATE: 1998-12-18
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/868,338

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199 <223> OTHER INFORMATION:

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204 1 5 10 15	
206 gga tcg cta acc ggt aac ctc agt gaa cta cgt gca caa act act ttt	96
207 Gly Ser Leu Thr Gly Asn Leu Ser Glu Leu Arg Ala Gln Thr Thr Phe	
208 20 25 30	
210 agt aca tta tgg gat acc cat aaa gaa acc tat aga gtc tcc ata gct	144
211 Ser Thr Leu Trp Asp Thr His Lys Glu Thr Tyr Arg Val Ser Ile Ala	
212 35 40 45	
214 tcc gca gca gga caa gac ttc tac ggg ctt gct gag act cta cgc act	192
215 Ser Ala Ala Gly Gln Asp Phe Tyr Gly Leu Ala Glu Thr Leu Arg Thr	
216 50 55 60	
218 atg gat agg cat ggg gaa att att ttg gca gat cgt caa tgg tta aca	240
219 Met Asp Arg His Gly Glu Ile Ile Leu Ala Asp Arg Gln Trp Leu Thr	
220 65 70 75 80	
222 gct ccc ctt gat atc ggt gca cca gtc gta tta tca aac aca act ttt	288
223 Ala Pro Leu Asp Ile Gly Ala Pro Val Val Leu Ser Asn Thr Thr Phe	
224 85 90 95	
226 gcc gtt gat gaa gga cta ctt gcg cca aaa gat cta ccg caa agt gac	336
227 Ala Val Asp Glu Gly Leu Leu Ala Pro Lys Asp Leu Pro Gln Ser Asp	
228 100 105 110	
230 gag atc aca ata ttg cat cct cag ttt ctg gat tcg gcc aaa gag cca	384
231 Glu Ile Thr Ile Leu His Pro Gln Phe Leu Asp Ser Ala Lys Glu Pro	
232 115 120 125	
234 gaa tta ctt ggt ttg ctg gag ttc gaa gca tcc aac tca caa gtg cca	432
235 Glu Leu Leu Gly Leu Leu Glu Phe Glu Ala Ser Asn Ser Gln Val Pro	
236 130 135 140	
238 atg cca aag atc caa agc att cca tat gat agc gaa gac tca acc aac	480
239 Met Pro Lys Ile Gln Ser Ile Pro Tyr Asp Ser Glu Asp Ser Thr Asn	
240 145 150 155 160	
242 ccc atg tct gaa gtt ttt acc tac aac att aac ctg gat agt gca gta	528
243 Pro Met Ser Glu Val Phe Thr Tyr Asn Ile Asn Leu Asp Ser Ala Val	
244 165 170 175	
246 aga aac cca atc gta gtt atc ctt ccc gca ggc tta gag ctt tta agt	576
247 Arg Asn Pro Ile Val Val Ile Leu Pro Ala Gly Leu Glu Leu Leu Ser	
248 180 185 190	
250 gat caa aat ttg tcg gct cga ctc aca cag aat agt ctg ctg ata aaa	624
251 Asp Gln Asn Leu Ser Ala Arg Leu Thr Gln Asn Ser Leu Leu Ile Lys	
252 195 200 205	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/868,338

DATE: 02/13/2002
TIME: 07:43:08

Input Set : A:\209861us.ST25.txt
Output Set: N:\CRF3\02132002\I868338.raw

254	gac cag act ggt gtg aac gct ctt cta tcc tca gag gat tca cgc aat	672
255	Asp Gln Thr Gly Val Asn Ala Leu Leu Ser Ser Glu Asp Ser Arg Asn	
256	210 215 220	
258	tat gtg gga gct gca tcc ccg atg att gac acg tgg gaa gaa agc gtt	720
259	Tyr Val Gly Ala Ala Ser Pro Met Ile Asp Thr Trp Glu Glu Ser Val	
260	225 230 235 240	
262	gtt cgg ttg aag gaa gcg aac caa ata atc gcc ttc aac gct ttc att	768
263	Val Arg Leu Lys Glu Ala Asn Gln Ile Ile Ala Phe Asn Ala Phe Ile	
264	245 250 255	
266	gca ttg ttc ctc acg acg act ctt gtt cta gca tac tgc act ggt att	816
267	Ala Leu Phe Leu Thr Thr Leu Val Leu Ala Tyr Cys Thr Gly Ile	
268	260 265 270	
270	tca ttt aag aaa tca aag aag act atg ggt agc gca tct act agg aaa	864
271	Ser Phe Lys Lys Ser Lys Lys Thr Met Gly Ser Ala Ser Thr Arg Lys	
272	275 280 285	
274	tca tcc att aag agc tcg att aca gct gct aat tgt aga agt aat ttt	912
275	Ser Ser Ile Lys Ser Ser Ile Thr Ala Ala Asn Cys Arg Ser Asn Phe	
276	290 295 300	
278	cgc ttc aat tcc gtg cgt ctg gct cgc gaa ccg cta ttt cga gcg atc	960
279	Arg Phe Asn Ser Val Arg Leu Ala Arg Glu Pro Leu Phe Arg Ala Ile	
280	305 310 315 320	
282	tgc agc aat agc ttc aga tgc tcc ctc acg cag ata ctt aga aca tct	1008
283	Cys Ser Asn Ser Phe Arg Cys Ser Leu Ser Gln Ile Leu Arg Thr Ser	
284	325 330 335	
286	caa ttc tat acc tcc atc act gcc gtt ggt ttt agg aat ctt aat aat	1056
287	Gln Phe Tyr Thr Ser Ile Thr Ala Val Gly Phe Arg Asn Leu Asn Asn	
288	340 345 350	
290	cgg ttg gac ttc act ttc att ttt cag ttc gat gaa gct tcc ttt	1101
291	Arg Leu Asp Phe Thr Phe Ile Phe Gln Phe Asp Glu Ala Ser Phe	
292	355 360 365	
294	tgaaaagagc acaca atg ata gaa atc aat gac ctc aag aaa tct ttt ggc	1152
295	Met Ile Glu Ile Asn Asp Leu Lys Lys Ser Phe Gly	
296	370 375	
298	gtt cgg atc tta tgg caa ggt ctc agt cat aag ttt tta cca gga aca	1200
299	Val Arg Ile Leu Trp Gln Gly Leu Ser His Lys Phe Leu Pro Gly Thr	
300	380 385 390 395	
302	atg aca gca ctg act gga gcg tcc ggt tca gga aaa tcg act ttg ctc	1248
303	Met Thr Ala Leu Thr Gly Ala Ser Gly Ser Gly Lys Ser Thr Leu Leu	
304	400 405 410	
306	aac tgt ctt ggc aca ctt gac aaa cca agt tcc gga cag atc ctt gtc	1296
307	Asn Cys Leu Gly Thr Leu Asp Lys Pro Ser Ser Gly Gln Ile Leu Val	
308	415 420 425	
310	gag gat gta gac ctt ctg aaa ctc tct acg cgt aag caa cgg tta tac	1344
311	Glu Asp Val Asp Leu Leu Lys Leu Ser Thr Arg Lys Gln Arg Leu Tyr	
312	430 435 440	
314	agg aaa aat acg gtg ggc tat tta ttt caa gat tat gcc ttg att ccc	1392
315	Arg Lys Asn Thr Val Gly Tyr Leu Phe Gln Asp Tyr Ala Leu Ile Pro	
316	445 450 455	
318	gac agg aca gtt aaa ttc aac ctt cag ctt gcg gtg gaa aaa cac aaa	1440

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319	Asp Arg Thr Val Lys Phe Asn Leu Gln Leu Ala Val Glu Lys His Lys				
320	460	465	470	475	
322	tgg cct gaa att cct caa gta ctt cat gct gtt ggt ctt gag tcg ttc				1488
323	Trp Pro Glu Ile Pro Gln Val Leu His Ala Val Gly Leu Glu Ser Phe				
324	480	485	490		
326	gag gaa aag cca gtt ttt gaa ctc tct ggt ggc gaa caa caa cga act				1536
327	Glu Glu Lys Pro Val Phe Glu Leu Ser Gly Gly Glu Gln Gln Arg Thr				
328	495	500	505		
330	gcg ttg gcc cggt gta ctg ctc aaa aat ccc cga ata att ctg gct gat				1584
331	Ala Leu Ala Arg Val Leu Leu Lys Asn Pro Arg Ile Ile Leu Ala Asp				
332	510	515	520		
334	gaa cca acc gga gct cta gat tta aca aac agt gag cta gtc ata gaa				1632
335	Glu Pro Thr Gly Ala Leu Asp Leu Thr Asn Ser Glu Leu Val Ile Glu				
336	525	530	535		
338	gca ttg aga gca ctc gcc gac aaa ggc gcc acc gtt gtt gct acg				1680
339	Ala Leu Arg Ala Leu Ala Asp Lys Gly Ala Thr Val Val Val Ala Thr				
340	540	545	550	555	
342	cac tcg ccc ctc ttc cga gaa tca gcg gat acc att atc aaa cta				1725
343	His Ser Pro Leu Phe Arg Glu Ser Ala Asp Thr Ile Ile Lys Leu				
344	560	565	570		
346	taggtgccccc aactttcgg agatctcagt gca atg atg gaa ttc tta aac act				1779
347	Met Met Glu Phe Leu Asn Thr				
348	575				
350	cac cgt ttg att gtt ctc ggg agt ttg tct ttt cta ggg cta ggt ttc				1827
351	His Arg Leu Ile Val Leu Gly Ser Leu Ser Phe Leu Gly Leu Gly Phe				
352	580	585	590		
354	gcg gaa gtc ctg ctg cgt ggc cag tgg tca aca ccg cag ttt ttt gtt				1875
355	Ala Glu Val Leu Leu Arg Gly Gln Trp Ser Thr Pro Gln Phe Phe Val				
356	595	600	605		
358	tcc act ttc ttg caa act ctg ctt ctc gta ttg tgt ttt att cct aaa				1923
359	Phe Thr Phe Leu Gln Thr Leu Leu Val Leu Cys Phe Ile Pro Lys				
360	610	615	620	625	
362	ctc tcg gtt cct ttt gtg gtg ctt cta agc att gcc caa ctc gcg ctt				1971
363	Leu Ser Val Pro Phe Val Val Leu Leu Ser Ile Ala Gln Leu Ala Leu				
364	630	635	640		
366	gca tac ctg tgt att cat ggt gaa cct caa agc acc agc cct ttc act				2019
367	Ala Tyr Leu Cys Ile His Gly Glu Pro Gln Ser Thr Ser Pro Phe Thr				
368	645	650	655		
370	tta att gtt gcc caa atg gcg ttt tcg gga ttg ctc atg ttc aga ggg				2067
371	Leu Ile Val Ala Gln Met Ala Phe Ser Gly Leu Leu Met Phe Arg Gly				
372	660	665	670		
374	caa cgg gtg ctc gct ttt atc tct gca ggt ggg ctc att tgg att ggg				2115
375	Gln Arg Val Leu Ala Phe Ile Ser Ala Gly Gly Leu Ile Trp Ile Gly				
376	675	680	685		
378	acc atc gat cca aca aac ggt gct tgg tct cct cat gtg atg tcc gcg				2163
379	Thr Ile Asp Pro Thr Asn Gly Ala Trp Ser Pro His Val Met Ser Ala				
380	690	695	700	705	
382	cta gca ctt gcc gta ttc ttt gcg ctg tcg atg gca ctt gga cag gtt				2211
383	Leu Ala Leu Ala Val Phe Phe Ala Leu Ser Met Ala Leu Gly Gln Val				

VERIFICATION SUMMARY
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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:64 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:181 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7

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